



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

**Srinath Hosur**

Serial No.: **09/224,401**

Filed: **12/31/1998**

For: **POWER CONTROL WITH SPACE  
TIME TRANSMIT DIVERSITY**

Docket No.: **TI-28734**

Examiner: **Nguyen, Hanh**

Art Unit: **2662**

Not. Of All.: **09/22/2005**

Conf. No.: **3730**

**SUPPLEMENTAL DECLARATION**

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

We, Srinath Hosur, and Anand G. Dabak, as joint inventors named in the application for letters patent for an improvement in Power Control With Space Time Transmit Diversity, Serial No. 09/224,401, filed in the United States Patent and Trademark Office on or about the 31st day of December, 1998, declare that we reviewed and understand the contents of the specification, including the claims as amended by the following amendments:

*Amendments filed: Amendment 1.111 filed 01/05/2001;  
Amendment 1.112 filed 05/15/2001; Amendment 1.112 filed  
03/07/2005; and Amendment 1.116 filed 08/29/2005.*

That we believe that we are an original and first co-inventor of the claimed subject matter for which a patent is sought; that said subject matter, including the claims as amended, was part of our invention, and was invented before the filing of the original application, above identified, for such invention; and that we acknowledge our duty to disclose information of which we are aware which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

**Supplemental Declaration**  
**TI-28734**

We further declare that all statements herein made of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

X H. Srinath

**Srinath Hosur**

X Anand G. Dabak

**Anand G. Dabak**

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**Plano, TX 75025**

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**Plano, TX 75025**

Address

**India**

Citizenship

**U.S.A.**

Citizenship

X 17<sup>th</sup> October 2005

Date

X 17<sup>th</sup> October 2005

Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**Srinath Hosur, et al.**

Serial No: **09/224,401**

Filed: **12/31/1998**

For: **Power Control With Space Time Transmit Diversity**



Docket No.: **TI-28734**

**DECLARATION AND POWER OF ATTORNEY  
NOT ACCOMPANYING APPLICATION**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described and claimed in U. S. Patent Application Serial Number **09/224,401**, filed **December 31, 1998**; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

Title of Invention: **POWER CONTROL WITH SPACE TIME TRANSMIT DIVERSITY**

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Power of Attorney: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, (list name and registration number):

Wade James Brady III, Reg. #32,080  
Jay M. Cantor, Reg. #19,906  
Robby T. Holland, Reg. #33,304  
William B. Kempler, Reg. #28,228

Ronald O. Neerings, Reg. #34,227  
Robert N. Rountree, Reg. #39,347  
Frederick J. Telecky, Jr., Reg. #29,979  
Customer Number 23494

Please send correspondence to:

and direct telephone calls to:

Ronald O. Neerings  
Patents Department  
Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, TX 75265

(972) 917-5299

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Name of Inventor:

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8800 Canyonlands Drive  
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Citizenship:

India

Signature of Inventor:

✓ H. Srinath

Date:

✓ October 4<sup>th</sup>, 2005

Name of Inventor:

Anand G. Dabak

Residence and P.O.

8625 Kendall Drive  
Plano, Texas 75025

Citizenship:

United States of America

Signature of Inventor:

✓ ~~ANAND G. DABAK~~

Date:

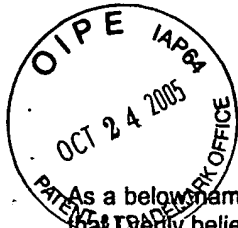
x October 4<sup>th</sup> 2005

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ATTORNEY'S DOCKET NO.

TI - 28734

## APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I truly believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

<b>TITLE OF INVENTION:</b> <span style="float: right;"><b>POWER CONTROL WITH SPACE TIME TRANSMIT DIVERSITY</b></span>		
<b>POWER OF ATTORNEY:</b> I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:  <div style="text-align: right; padding-right: 50px;">             Robert N. Rountree, Reg. No. 39,347              Jay Cantor, Reg. No. 19,906              Richard L. Donaldson, Reg. No. 25,673              Robby T. Holland, Reg. No. 33,304              William B. Kempler, Reg. No. 28,228           </div>		
<b>SEND CORRESPONDENCE TO:</b> <b>ROBERT N. ROUNTREE</b> Texas Instruments Incorporated P. O. Box 655474, M.S. 3999 Dallas, Texas 75265		<b>DIRECT TELEPHONE CALLS TO:</b>  <b>Robert N. Rountree</b> (972) 917-4431
<b>NAME OF INVENTOR: (1)</b>  <b>SRINATH HOSUR</b>	<b>NAME OF INVENTOR: (2)</b>  <b>ANAND G. DABAK</b>	<b>NAME OF INVENTOR: (3)</b>  ---
<b>RESIDENCE (City and State Only)</b> <b>Dallas, Texas</b>	<b>RESIDENCE (City and State Only)</b> <b>Richardson, Texas</b>	<b>RESIDENCE (City and State Only)</b> ---
<b>POST OFFICE ADDRESS</b> <b>6441 Shadybrook Lane, #2152</b> <b>Dallas, Texas 75206</b>	<b>POST OFFICE ADDRESS</b> <b>2600 E. Renner, #165</b> <b>Richardson, Texas 75082</b>	<b>POST OFFICE ADDRESS</b> ---
<b>COUNTRY OF CITIZENSHIP:</b> <b>India</b>	<b>COUNTRY OF CITIZENSHIP:</b> <b>India</b>	<b>COUNTRY OF CITIZENSHIP:</b> ---
<b>SIGNATURE OF INVENTOR:</b> 	<b>SIGNATURE OF INVENTOR:</b> 	<b>SIGNATURE OF INVENTOR:</b> ---
<b>DATE:</b> 30 <sup>th</sup> December 1998	<b>DATE:</b> 30 <sup>th</sup> December 1998	<b>DATE:</b> ---

ATTORNEY'S DOCKET NO.

TI - 28734

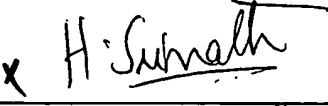
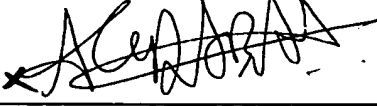


## APPLICATION FOR UNITED STATES PATENT

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: <b>POWER CONTROL WITH SPACE TIME TRANSMIT DIVERSITY</b>		
POWER OF ATTORNEY: I HEREBY APPOINT THE PRACTITIONERS AT <b>CUSTOMER NUMBER 23494</b> TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH		
SEND CORRESPONDENCE TO: <b>RONALD O. NEERINGS</b> Texas Instruments Incorporated P. O. Box 655474, M.S. 3999 Dallas, Texas 75265		DIRECT TELEPHONE CALLS TO:  <b>Ronald O. Neerings</b> (972) 917-5299
NAME OF INVENTOR: (1) <b>SRINATH HOSUR</b>	NAME OF INVENTOR: (2) <b>ANAND G. DABAK</b>	NAME OF INVENTOR: (3) ---
RESIDENCE (City and State Only) <b>Dallas, Texas</b>	RESIDENCE (City and State Only) <b>Richardson, Texas</b>	RESIDENCE (City and State Only) ---
POST OFFICE ADDRESS <b>8800 Canyonlands Drive</b> <b>Plano, Texas 75025</b>	POST OFFICE ADDRESS <b>8625 Kendall Drive</b> <b>Plano, Texas 75025</b>	POST OFFICE ADDRESS ---
COUNTRY OF CITIZENSHIP: <b>India</b>	COUNTRY OF CITIZENSHIP: <b>U.S.A.</b>	COUNTRY OF CITIZENSHIP: ---
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: ---
DATE: <b>October 4<sup>th</sup>, 2005</b>	DATE: <b>October 4<sup>th</sup>, 2005</b>	DATE: